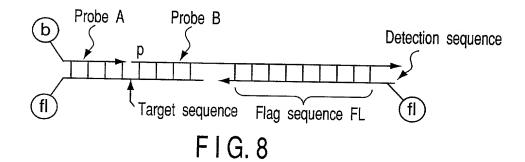


FIG.7B



Mame S

Sequence (5'→3')

Probe A b-16A:b-CTAgTAgggTgAAgTC

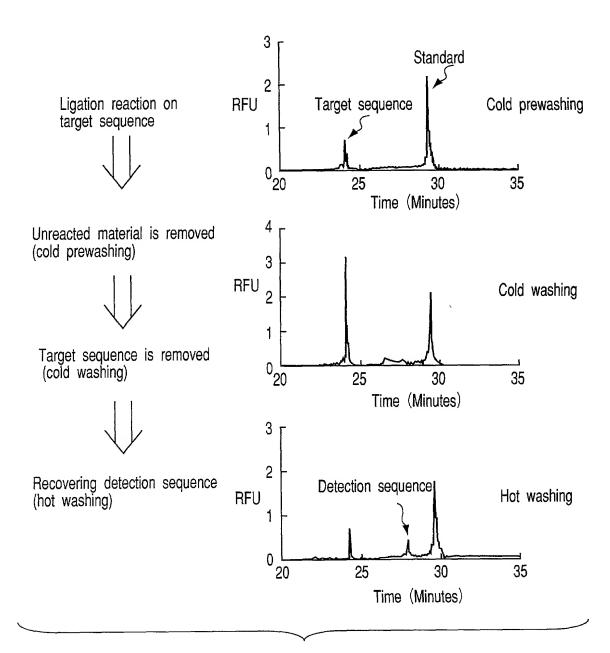
Probe B P-16B-48: P-CATAAgAgCCCTAgAgCATgCTggTCAAggggCACgCggTTCATCAggAgTCgAAggCAggACg

Target sequence r-32-fl: CTCTAgggCTCTTATggACTTCACCCTACTAg-fl

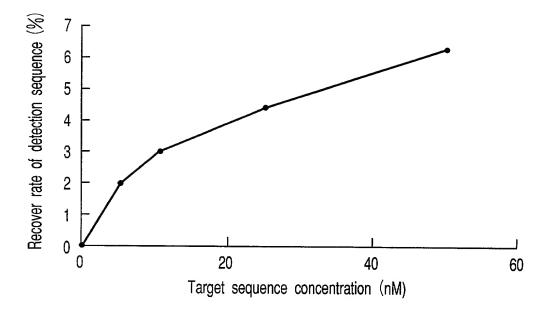
fi-r-48:fi-CgTCCTgCCTTCgACTCCTgATgAACCgCgTgCCCCTTgACCAgCATg Detection sequence

Mutation sequence fl-neg-r-32AB:fl-TTCTAgAgCTCCTATggACTTCGCCCTACTAg

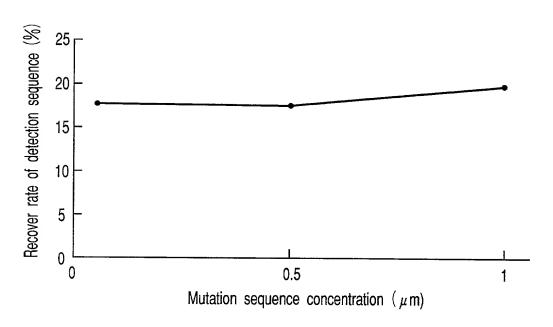
FIG.9



F I G. 10



F I G. 11



F I G. 12

Probe B

Probe A

Nucleotide sequence used in evaluation experiment

FIGTP+SIGTP

5'-TCCTATATTCAACTgTAATAgCCCgTTCCT-3' FLRG-47+SLRG-47

(Mouse  $\gamma$  - derived GTPase family gene, IGTP)

(Mouse y - derived GTPase family gene, LRG-47) 5'-ATTTTCCTCTgAAACAATAAAgTCggTTCC-3'

Probe A

FIGTP FLRG-47

5'-TCCTATATTCAACTg-3'

■ Probe B

5-ATTTCCTCTgAAAC-3'

5-TAATAgCCCgTTCCT-3'

Flag sequence

ഗ

Target nucleic acid sequence

5'-AATAAAgTCggTTCC-3'

S'IGTP S'LRG-47

5'-TgAAgTCACCACACACACAgTACA-3' 5'-TCTCAgTCCCAgTCCATTTCCTTAC-3'

5'-gACAAACACCCCgAATACAAACAgC-3' 5-TgAACCCCCAAgTTTAgATCTCAgC-3 5'-ACgACgATgAAAACTACgAgggAC-3' D1IGTP=D1LRG-47=1

FIG. 13B

FIG. 13A

